

ABSTRACT OF THE DISCLOSURE

A method for gene diagnosis of bovine Hsp70 deficiency, which comprises (a) a step of obtaining a bovine nucleic acid sample, (b) a step of subjecting the nucleic acid sample obtained in step (a) to a gene amplification reaction to obtain a nucleic acid fragment in which a region including a mutation site likely to be present in bovine Hsp70 gene is amplified, and (c) a step of examining the presence of mutation on the nucleic acid fragment in step (b), the region including the mutation site being a region including 1997-11030 position of a base sequence shown in SEQ ID No. 1 of SEQUENCE LISTING in a base sequence of bovine Hsp70 gene. According to the invention, bovine Hsp70 deficiency and its carrier can be detected and diagnosed by a genetic engineering method easily and quickly, and a kit used for this purpose is provided.